Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 01 Nov 2020 until 23:59 on Monday 02 Nov 2020

Forecast Issued on Saturday 31 Oct 2020 at 14:03

Confidence: High for spells of wet and windy weather into next week and for then to become more settled and colder, but low confidence for rainfall amounts and timings of heaviest rain.

Headline for Sunday 01 Nov 2020: Rain clearing in morning then bright or sunny spells and the odd shower, but cloud thickening again in afternoon to bring heavy rain from west. Windy.

Mountain weather hazards on Sunday 01 Nov 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
Low Likelihood

Gales
High Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
High Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Heavy Rain	Heavy Rain	Light rain showers	Light rain	Heavy Rain	Heavy Rain	Heavy Rain
Precipitation probability							
10%	90%	80%	30%	40%	>95%	>95%	>95%

Forecast for Sunday 01 Nov 2020

Weather: Cloudy overnight with rain soon spreading from west, heavy at times. Rain clearing in the morning then bright or sunny spells and a few showers. Cloud thickening in afternoon to bring prolonged, heavy rain, with some very heavy rain possible through the evening.

Chance of cloud free mountain/hill tops above 600m: No chance much of the night. Chance improving in morning to 60 or 70% as cloud becomes more broken and mostly lifts off the tops, but no chance in heavy rain from mid-afternoon.

Visibility: Poor or very poor overnight. Becoming good or very good in the morning, but poor or very poor again in rain through the afternoon and evening,

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Mountain Weather Forecast

Forecast for Sunday 01 Nov 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/32 SW	26/37 S	33/47 S	29/43 SW	28/43 SW	24/37 SW	21/32 S	25/39 SW	22/37 SW
300	16/25 S	23/34 S	26/43 S	28/39 SW	27/40 SW	20/32 SW	17/27 S	20/36 SW	21/36 W
Valley	11/26 S	21/33 S	23/41 S	19/31 SW	22/36 SW	18/28 SW	15/27 S	20/34 SW	14/32 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-2	4/-2	5/-1	6/1	6/1	6/1	7/3	10/6	9/4
300	6/3	6/2	7/2	9/5	9/5	8/5	9/6	12/8	11/8
Valley	8/5	7/4	9/5	10/7	10/7	10/7	10/8	12/10	11/9
Freezing Level*	1100m	1300m	2300m	1500m	1300m	2100m	3200m	3000m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Windy and winds over the tops likely stronger than on tables. Some wind chill on tops, despite quite mild temperatures. Very difficult conditions with wind and rain and buffeting winds will cause mobility issues even on lower slopes at times.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 31 Oct 2020	4.2mm	15.4mm	31.2mm

Forecast for Monday 02 Nov 2020

Weather: Wet and windy overnight and at first on Monday but rain will clear in the morning and skies will brighten a bit. Perhaps the odd sunny spells, but colder and staying windy, with showers piling in from the west by the afternoon. Some heavy and blustery showers, possibly accompanied by hail and thunder and perhaps merging to longer spells of rain and turning a touch wintry over the tops.

Maximum wind: Southwest 25 gust 35mph, but 35 gust 50mph in showers, perhaps frequently over higher slopes. Winds becoming westerly later

Chance of cloud free mountain/hill tops above 600m: Nil at first, but then 40-60% with cloud often down to 700m, but 450m in showers.

Visibility: Poor or very poor at first, then becoming mostly good, but only a few kilometres in showers, though less than a kilometre at times in heavier and more prolonged showers and in any wintriness.

Temperature: **Valleys:** Plus 11 Celsius, but falling to plus5 or 6 C in evening
At 600m: Plus 6 C at first gradually falling to plus 3 or 4 C
Freezing level: Gradually falling, down to 1000m in the evening, perhaps lower in heavy showers

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